

FIGURE 1

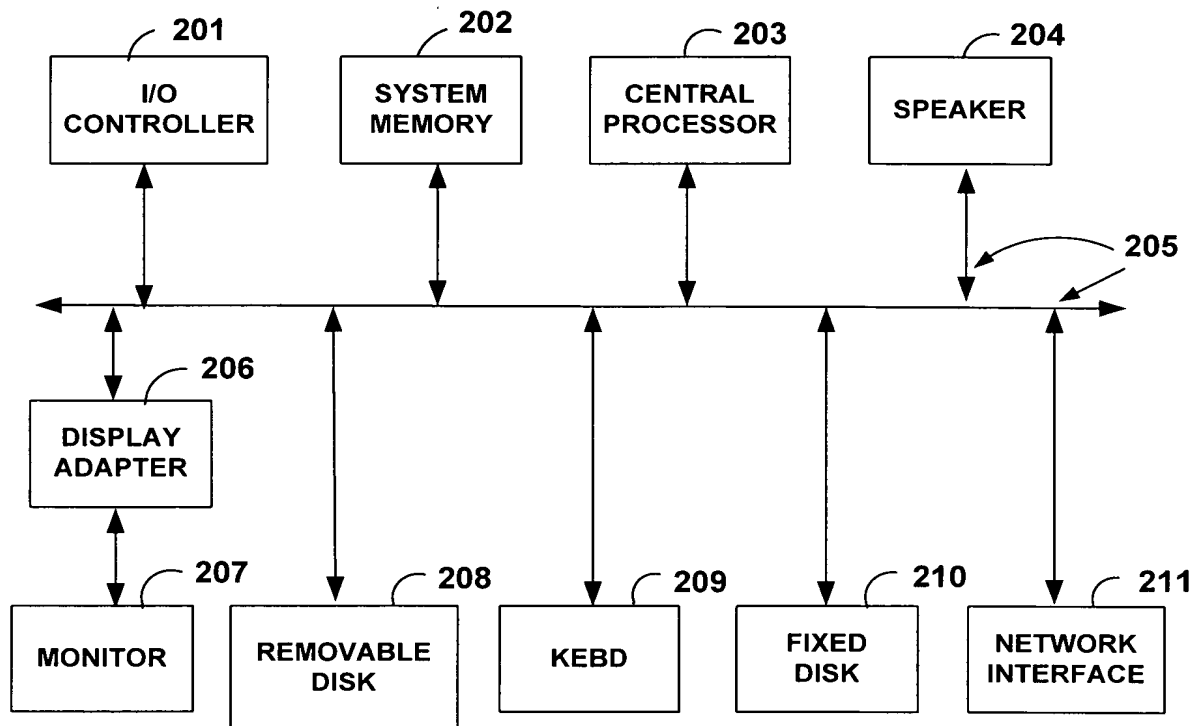
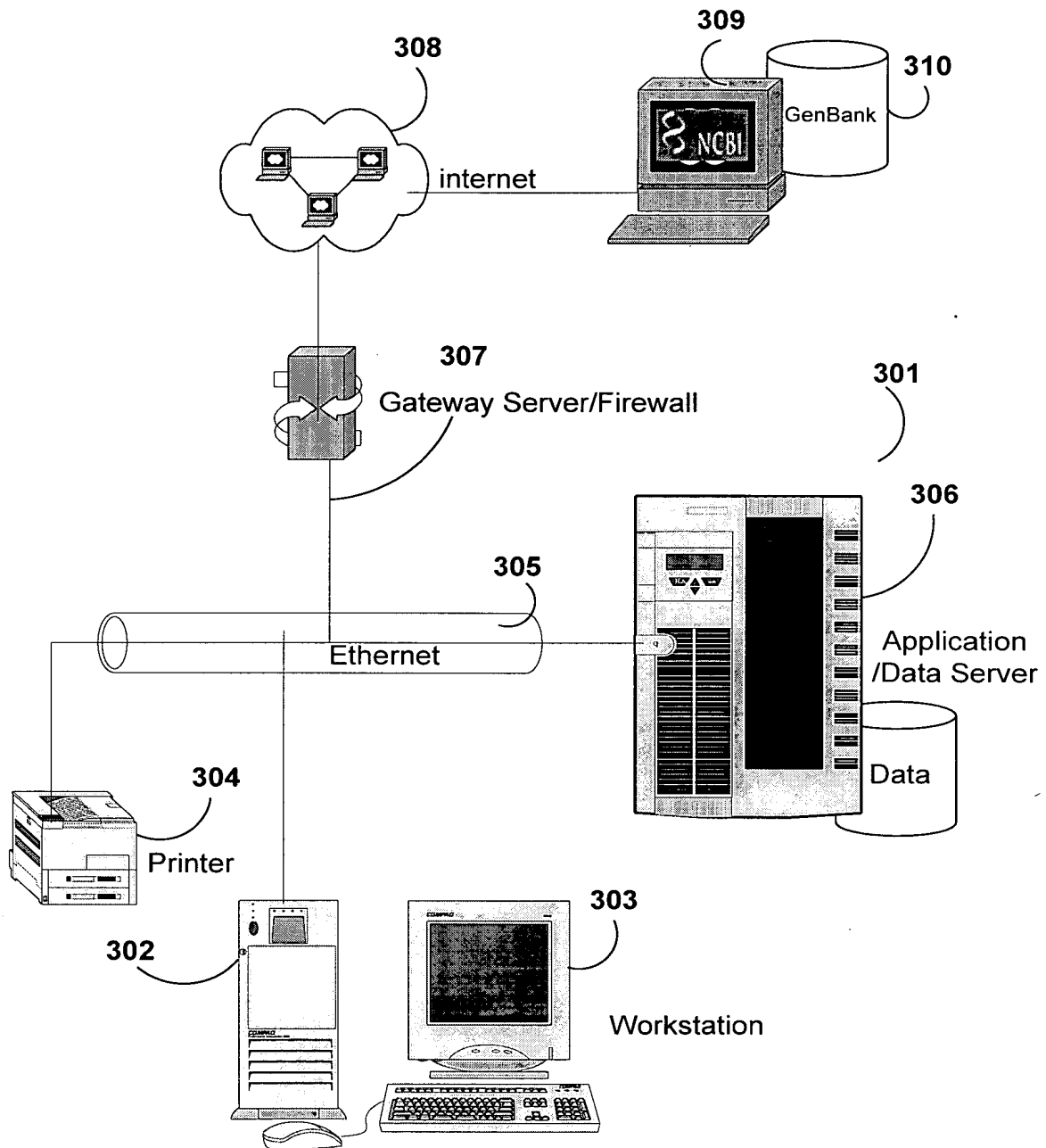


FIGURE 2



**FIGURE 3**



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Title: Computer Software for Automated Annotation...  
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Sheets of drawings 4 of 10

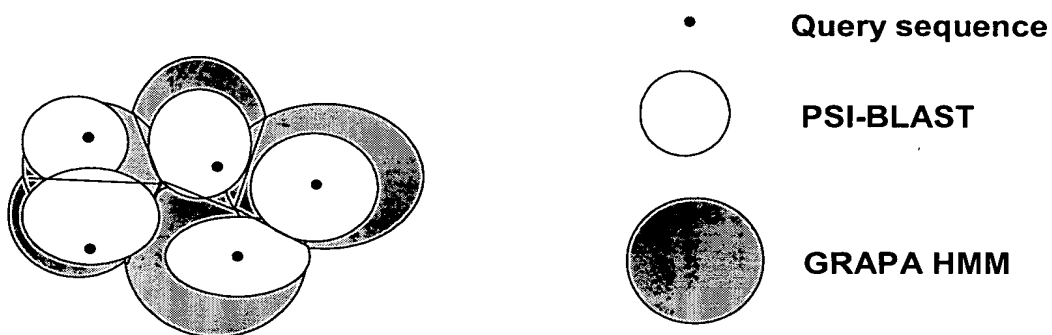
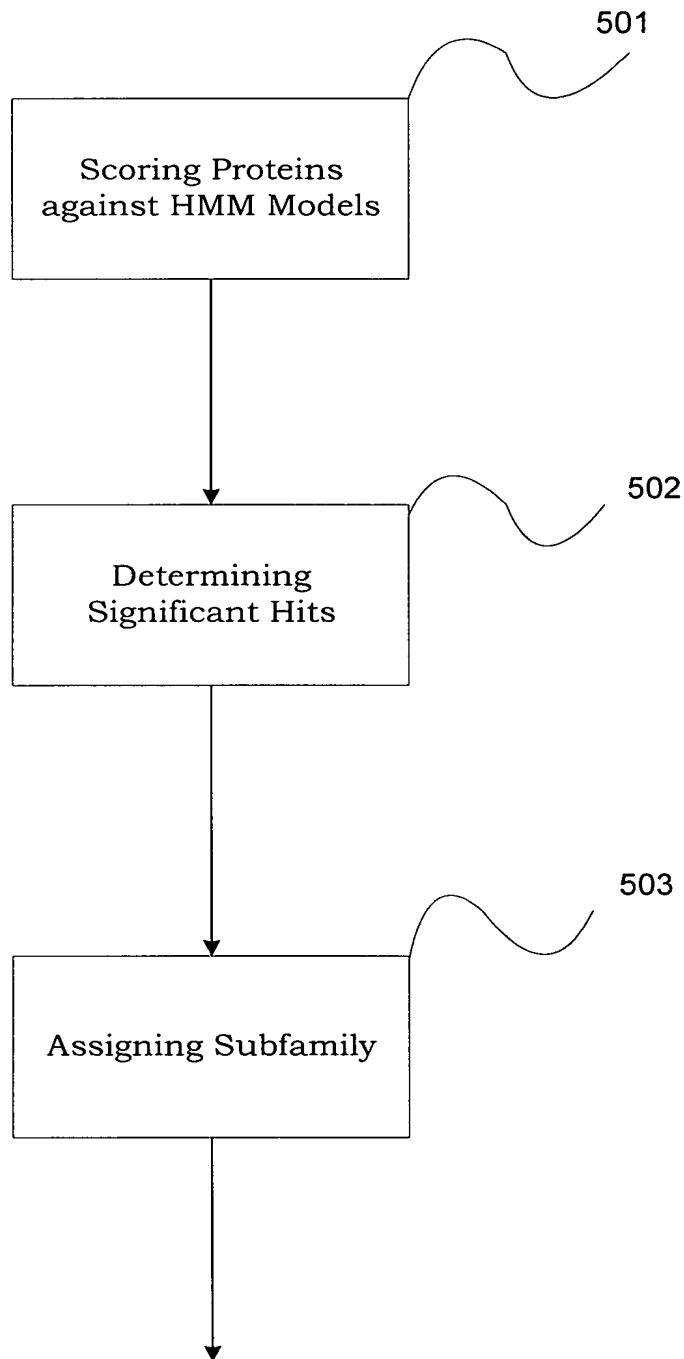
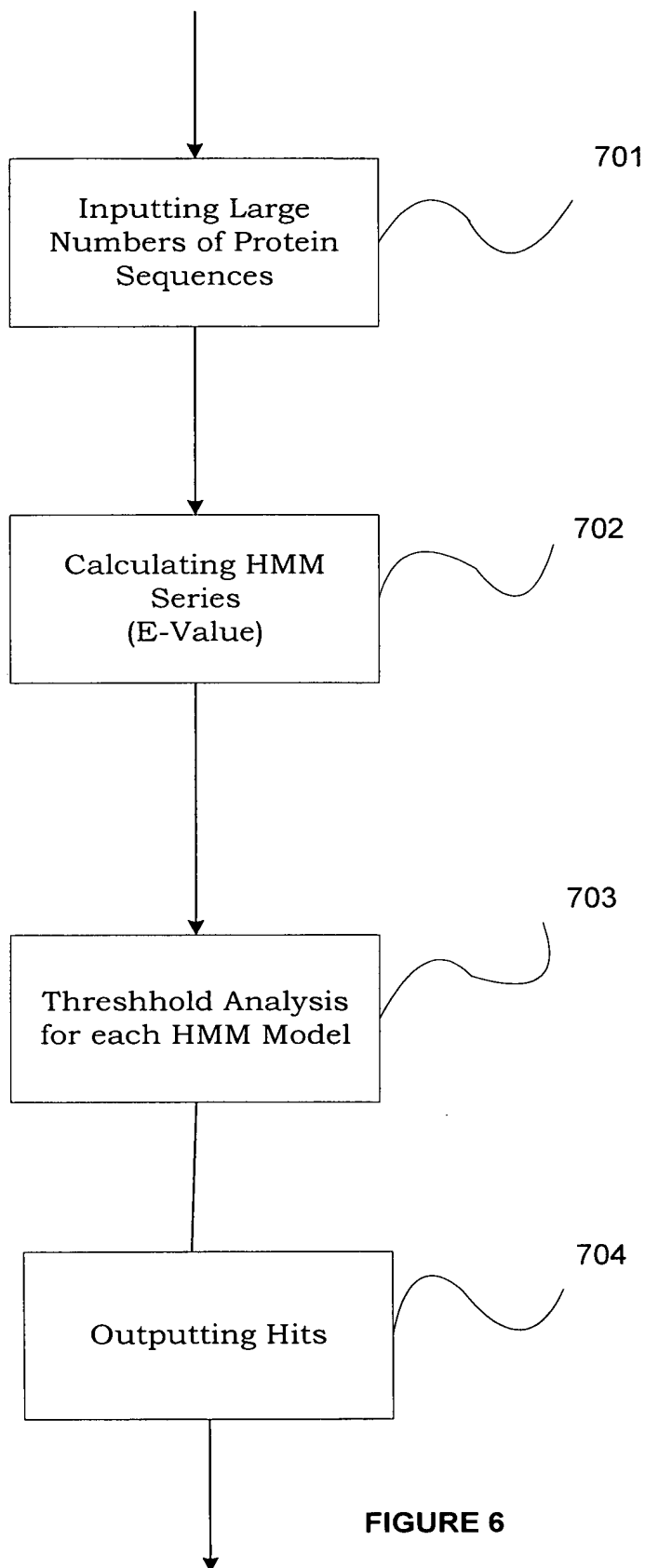


FIGURE 4



**FIGURE 5**



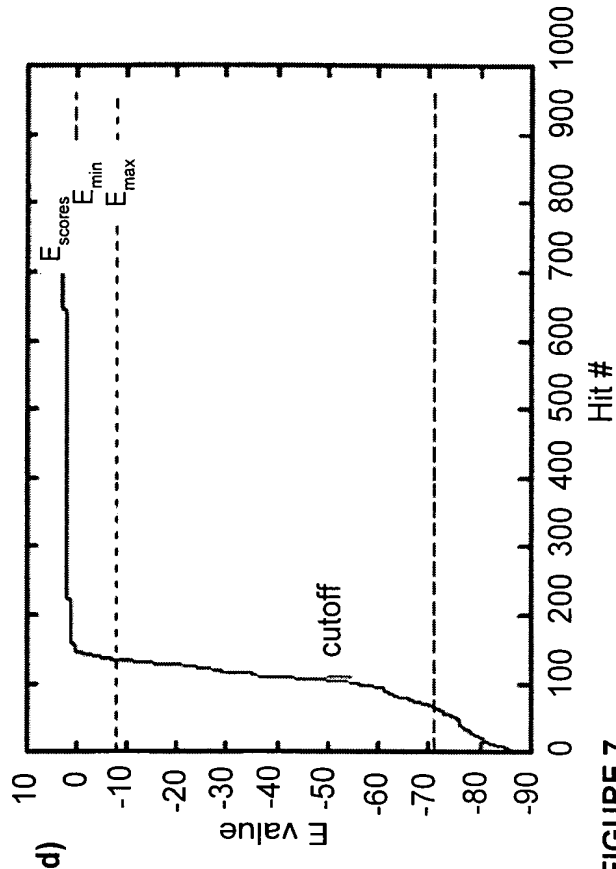
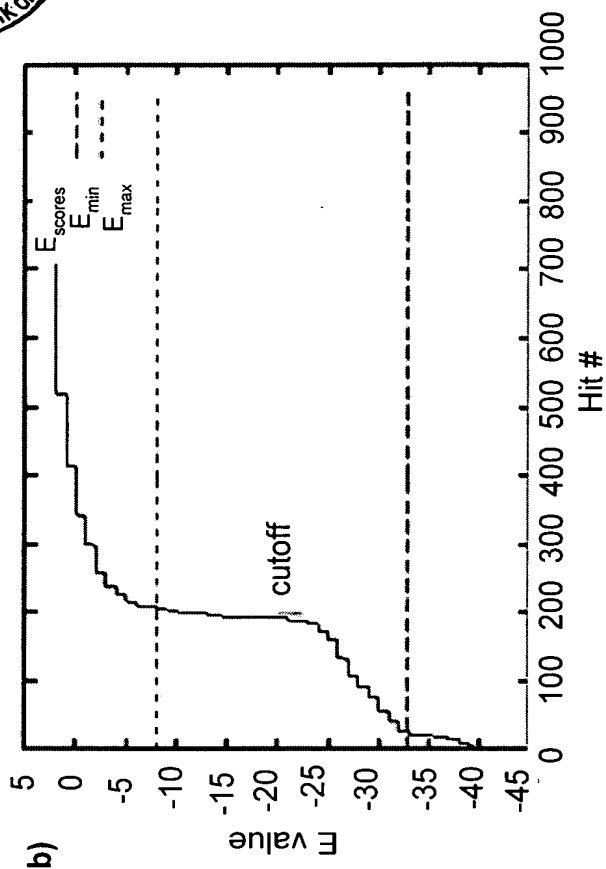
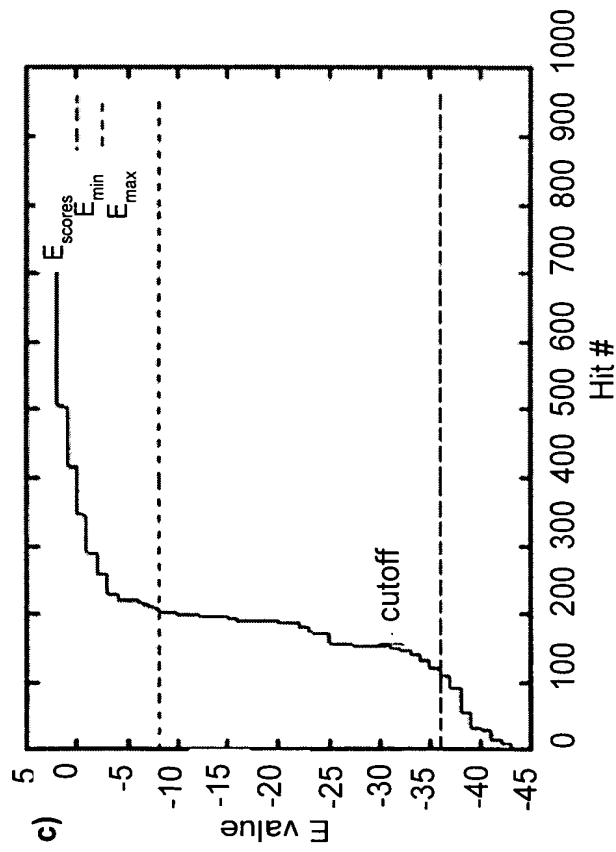
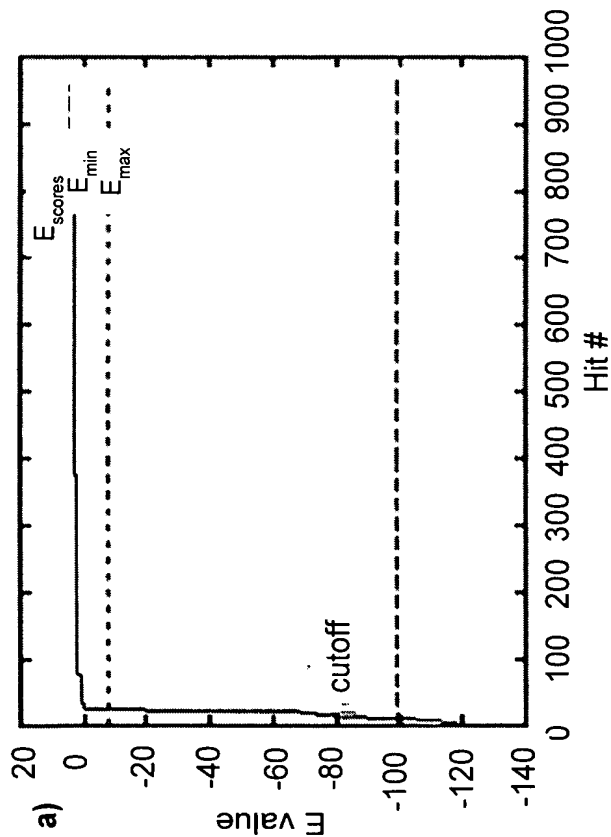


FIGURE 7



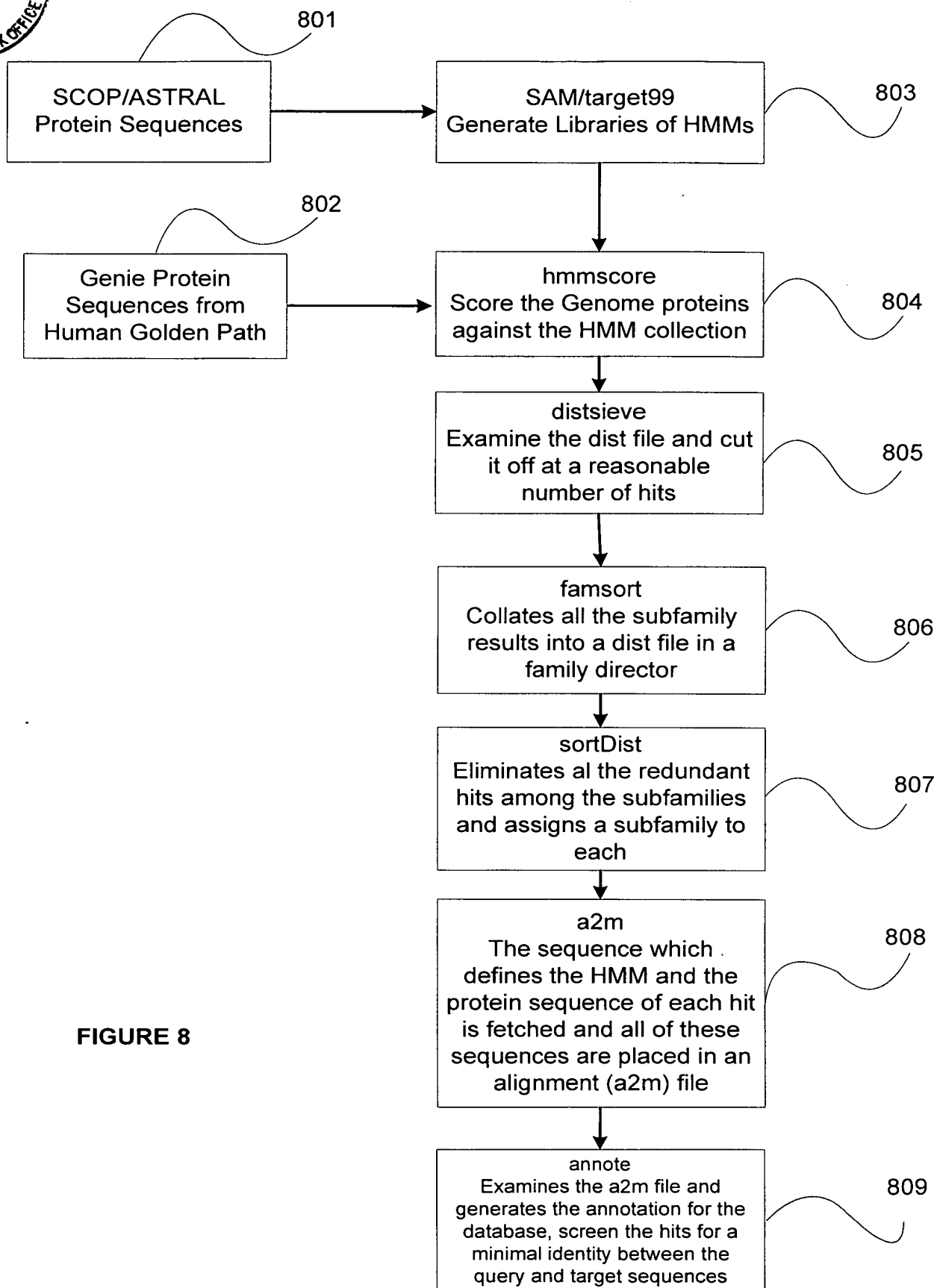


FIGURE 8





Alignment 1:

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1>GRAPAHIT1 1 LLQDSLLRLKDYRQCFECSDVALNEAVQQMVNSGEAAAKEEWVATVTQLL
2>lvhr 1 SVQDLNDLLSDGSGCYSLPSQPCNE VTPRIYVGNASVAQD IPKLQKL

1>GRAPAHIT1 51 MGIEQALSADSSGSILKVSSSTTGLVRLTNNLIQVIDCSMAVQEEAKEPH
2>lvhr 51 GITHVLNAAEGRSFMHVNTNAN

1>GRAPAHIT1 101 VSSVLPWIILHRIIWQEEDTFHSLCHQQQLQNPAEEGMSETPMLPSSLML
2>lvhr 101 FYK DSGIT

1>GRAPAHIT1 151 LNTAHEYLGRRSWCCNSDGALLRFYVRVLQKELAASTSEDTHPYKEELET
2>lvhr 151 YLGIKA NDTQEFN

1>GRAPAHIT1 201 ALEQCFYCLYSFPSKSKARYLEEHSQQVDLIWEDALFMFEYFKPKTLP
2>lvhr 201 LSAYFERAA

1>GRAPAHIT1 251 EFDSYKTSTVSADLANLLKRIATIVPRTERPALSLDKVSAYIEGTSTVEP
2>lvhr 251 DF IDQALAQKNGRVL VH

1>GRAPAHIT1 301 CLPEGADPSPPVVNELYLLADYHFKNKEQSKAIKFYMHDICICPNRFD
2>lvhr 301 C REGYSRSTPLV IAYLMMR QKMDVKSALSIVRQNRIGPN DG

1>GRAPAHIT1 351 WAGMALARASRIQDKLNSNE LKS
2>lvhr 351 F LAQLCQLNDRLAKEGKLP
```

Alignment 2:

```
1a17 PPADGALKRAEELKTQAN-----DYFKAKDYENAIKFYSQAIE
GRAPAHIT2 PLCKQALEDELEKTSBGHDHPDVATMLNILALVYRDQNKYKEAAHLLNDALA
GRAPAHIT3 KDWKGALDAFSAVQDPHSRICFN----IGCMYTILKNMTEAEKAFTR SIN

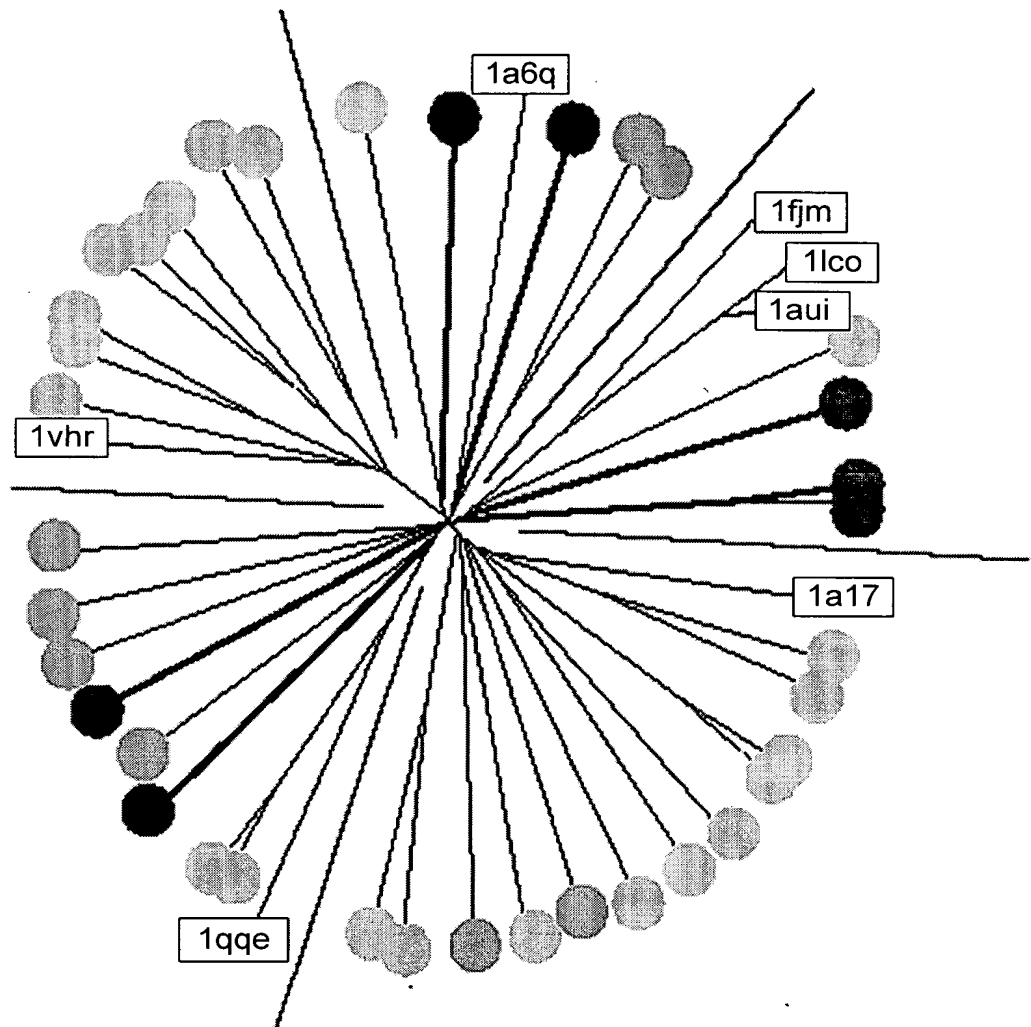
1a17 L-----NPSNAIYYGNRSLAYLRTECYGYALGDATR-AIELDKKYIK
GRAPAHIT2 IREKTLGKDHPAVAATLNNLAVLYGKRGKYKEAEPLCKR-ALEIREKVLG
GRAPAHIT3 R-----DKHLAVAYFQRGMLYYQTEKYDLAIKDLKEALIQLRGNQLI

1a17 GYYRRAASNMA-----LG-----KFRAALRDYET-----
GRAPAHIT2 KFHPDVAKQLSNLALLCQNGKAEVEYYRRALEIYATRL----GPDDP
GRAPAHIT3 DYKILGLQFKLFACEVLYNIAFMYAKKEEWKKAEEQLALATSMKSEPRHS

1a17 -VVKVKP-----HDKDAKMKYQECNKIVKQKAF-----
GRAPAHIT2 NVAKTKNNLASCYKQGGKYQDAETLYKEILTRAHEKEFGSVNGDNKPIWM
GRAPAHIT3 KIDKAMECVWKQKLYEPVVI PVGKLFPRNERQVAQLAKKDYLGKATVVAS

1a17 ---ERAIA-----GDEHKR-----SVVDSLDESMTIEDEYS
GRAPAHIT2 HAEEREES-----KDKRRDSAPYGEYGSWKACKVDSPVTNTTLR
GRAPAHIT3 VVDQDSFSGFAPLQPQAAEPPPRPKTPEIFRALEGEAHRVLFGEV
```

FIGURE 9



0.1

FIGURE 10